JUN - 5 2001

ESPRIDENT
. DENTAURUM

K 011428 „Triceram®“

510 (K) summary

- This summary has been prepared by

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  Klaus Wigger, General Sales Manager, May 30.2001

- The dental Ceramic „Triceram®“ is a ceramic powder system to veneer dental metal copings and structures. This is done by trained dental technicans.

- The features of this „Triceram®“-material like transparency, translucencity, as well as the handling abilities have been improved to inovation in the production process.

  The material itself is the same as already FDA registered brands like Noritake,Dentsply, Ceramco, Vita etc.

- The material itself is totaly harmless. It has no medical reaction, not to the dental technican during the production process nor to the patient who will carry the veneered metal crown.

- Chemical and non-chemical test, which have been submitted seperately, show that all required technical datas of ISO-Standards are fulfilled. The chemical tests prove that the material is in use without showing as normal results compared with other already longer existing brands on the market.

Klaus Wigger
General Sales Manager

May 30.2001

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DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
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Rockville MD 20850

JUN - 5 2001

Mr. Thomas J. Anderson
Director of Prosthetics
Dentaurum Incorporated
10 Pheasant Run
Newtown, Pennsylvania 18940

Re: K011428
Trade/Device Name: Triceram®
Regulation Number: 872.6660
Regulatory Class: II
Product Code: EIH
Dated: April 17, 2001
Received: May 9, 2001

Dear Mr. Anderson:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the Current Good Manufacturing Practice requirements, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic QS inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements

concerning your device in the Federal Register. Please note: this response to your premarket notification submission does not affect any obligation you might have under sections 531 through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4692. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its internet address "http://www.fda.gov/cdrh/dsma/dsmamain.html".

Sincerely yours,

Timothy A. Ulatowski
Director
Division of Dental, Infection Control
and General Hospital Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

K011428

510 (k) NUMBER: (to be assigned)

DEVICE NAME: Triceram®

INDICATIONS FOR USE:

The dental ceramic Triceram® is a system of ceramic materials which are used for titanium crowns and bridges. The system comprises ceramic materials typical for dental ceramics: bonder, opaque, opaque dentin, dentin, shoulder material, incisal material, effect material, gingival material, correction material, stains and liquids.

The use of the dental ceramic Triceram® under the regulations is the coating of prothetic titanium frames and frame materials which are accordingly adapted to the Thermal Expansion Coefficient of Triceram®.

In summary, Triceram® is a porcelain powder system for bonding to titanium for clinical use in the production of crowns and bridges. The device is used in prosthetic dentistry by heating the powder to a high temperature in an oven to produce a hard prosthesis with a glass-like finish.

(PLEASE DO NOT WRITE BELOW THIS LINE – CONTINUE ON ANOTHER PAGE IF NEEDED.)

Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use ✓ (Per 21 UFR 801.109) or Over-The-Counter-Use_____ (Optional Format 1-2-96)

Susan Runner

(Division Sign-Off)
Division of Dental, Infection Control,
General Hospital Devices
510(k) Number K011428